Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTADMW1624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

```
* * * * * * * * * *
                   Welcome to STN International
                                                    * * * * * * * * * *
NEWS
                 Web Page for STN Seminar Schedule - N. America
NEWS
      2 DEC 01
                 ChemPort single article sales feature unavailable
NEWS 3 FEB 02
                 Simultaneous left and right truncation (SLART) added
                 for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
                 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 4 FEB 02
         FEB 06 Patent sequence location (PSL) data added to USGENE
NEWS 5
NEWS 6 FEB 10 COMPENDEX reloaded and enhanced
      7 FEB 11
                 WTEXTILES reloaded and enhanced
NEWS
NEWS 8 FEB 19
                 New patent-examiner citations in 300,000 CA/CAplus
                 patent records provide insights into related prior
                 Increase the precision of your patent queries -- use
NEWS
     9 FEB 19
                 terms from the IPC Thesaurus, Version 2009.01
NEWS 10 FEB 23
                 Several formats for image display and print options
                 discontinued in USPATFULL and USPAT2
NEWS 11
         FEB 23
                 MEDLINE now offers more precise author group fields
                 and 2009 MeSH terms
NEWS 12
         FEB 23
                 TOXCENTER updates mirror those of MEDLINE - more
                 precise author group fields and 2009 MeSH terms
NEWS 13
         FEB 23
                 Three million new patent records blast AEROSPACE into
                 STN patent clusters
         FEB 25
                 USGENE enhanced with patent family and legal status
NEWS 14
                 display data from INPADOCDB
NEWS 15
         MAR 06
                 INPADOCDB and INPAFAMDB enhanced with new display
                 formats
NEWS 16
         MAR 11
                 EPFULL backfile enhanced with additional full-text
                 applications and grants
         MAR 11
                 ESBIOBASE reloaded and enhanced
NEWS 17
NEWS 18 MAR 20 CAS databases on STN enhanced with new super role
                 for nanomaterial substances
NEWS 19 MAR 23
                 CA/CAplus enhanced with more than 250,000 patent
                 equivalents from China
NEWS 20 MAR 30
                 IMSPATENTS reloaded and enhanced
NEWS 21
         APR 03
                 CAS coverage of exemplified prophetic substances
                 enhanced
NEWS 22
         APR 07
                 STN is raising the limits on saved answers
NEWS 23
         APR 24
                 CA/CAplus now has more comprehensive patent assignee
                 information
NEWS 24
         APR 26
                 USPATFULL and USPAT2 enhanced with patent
                 assignment/reassignment information
NEWS 25 APR 28
                 CAS patent authority coverage expanded
NEWS 26 APR 28
                 ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 27 APR 28
                 Limits doubled for structure searching in CAS
                 REGISTRY
```

NEWS 28 MAY 08 STN Express, Version 8.4, now available

NEWS 29 MAY 11 STN on the Web enhanced

NEWS 30 MAY 11 BEILSTEIN substance information now available on STN Easy

NEWS 31 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format

NEWS 32 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal status data

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4, AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 13:58:58 ON 26 MAY 2009

=> fil reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.22 0.22

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 13:59:19 ON 26 MAY 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ${\tt ZIC/VINITI}$ data file provided by InfoChem.

STRUCTURE FILE UPDATES: 25 MAY 2009 HIGHEST RN 1149058-00-3 DICTIONARY FILE UPDATES: 25 MAY 2009 HIGHEST RN 1149058-00-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting ${\tt SmartSELECT}$ searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>

chain nodes :

 $\label{thm:c:program} $$\operatorname{Uploading C:\Program Files}\simeq 10585916.str$$$

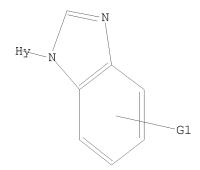


```
10 14
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
7 - 10
ring bonds :
1-2 1-6 2-3 3-4 3-7 4-5 4-9 5-6 7-8 8-9
exact/norm bonds :
3-7 4-9 7-8 7-10 8-9
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :
G1:N, SO2, Ak, O
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
14:CLASS 15:Atom
Generic attributes :
10:
                    : Unsaturated
Saturation
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic
```

Element Count : Node 10: Limited C, C4-5 N, N1-2

STRUCTURE UPLOADED L1

=> d 11L1 HAS NO ANSWERS L1STR



G1 N, SO2, Ak, O

Structure attributes must be viewed using STN Express query preparation.

3 ANSWERS

1370 ANSWERS

=> s 11 sss sam SAMPLE SEARCH INITIATED 13:59:46 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 51554 TO ITERATE

3.9% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01

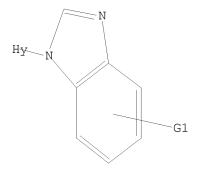
FULL FILE PROJECTIONS: ONLINE **COMPLETE** BATCH **COMPLETE** PROJECTED ITERATIONS: 1017522 TO 1044638 1019 TO PROJECTED ANSWERS: 2073

3 SEA SSS SAM L1 L2

=> s 11 sss ful FULL SEARCH INITIATED 13:59:59 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 1028478 TO ITERATE

94.5% PROCESSED 972008 ITERATIONS 100.0% PROCESSED 1028478 ITERATIONS 1370 ANSWERS SEARCH TIME: 00.00.32

L3 1370 SEA SSS FUL L1



G1 N, SO2, Ak, O

Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 13:58:58 ON 26 MAY 2009)

FILE 'REGISTRY' ENTERED AT 13:59:19 ON 26 MAY 2009

L1 STRUCTURE UPLOADED

L2 3 S L1 SSS SAM

L3 1370 S L1 SSS FUL

FILE 'CAPLUS' ENTERED AT 14:00:43 ON 26 MAY 2009

L4 89 S L3

L5 51 S L4 AND (PRY<2006)

=> logoff y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
DILL DOWNWED COOK	ENTRY	SESSION
FULL ESTIMATED COST	291.88	478.46
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
ON CHROOPINED PRICE	ENTRY	SESSION
CA SUBSCRIBER PRICE	-41.82	-41.82

STN INTERNATIONAL LOGOFF AT 14:03:22 ON 26 MAY 2009